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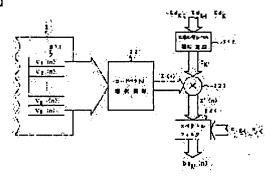
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(72)Inventor: **MORI SHIGETAKE**

(54) DIGITAL RADIO COMMUNICATION EQUIPMENT WITH PSEUDO BACKGROUND NOISE **GENERATION FUNCTION**

(57)Abstract:

PURPOSE: To simplify and miniaturize the circuit constitution of a device by generating pseudo background noise by a simple constitution and a little amount of calculation. CONSTITUTION: In a code book 211 provided within a sound decoding circuit 21, plural code vectors V1 (n), V2(n),... VM-1 (n) and VM (n) composed of unit variance random Gauss signals are already stored. The code vectors are selectively read from the code book 211 in a silent section by noting that these code vectors V1 (n), V2(n),... VM-1 (n) and VM (n) are not substantially used in the silent section. A psudo background noise signal bnkf (n) is generated by multiplying this code vector Z (n) by the energy level information Ekf complemented and corrected by an energy level complement circuit 222 and by letting the vector pass a spectrum filter 224.



LEGAL STATUS

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